



Atty. Dkt. No. 2102397-910600

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THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Chih Hsin Wang

Group Art Unit: 2812

Serial No.: 09/916,619

Examiner: Not yet assigned

Filed: July 26, 2001

Title: **SELF ALIGNED METHOD OF FORMING
A SEMICONDUCTOR MEMORY ARRAY OF
FLOATING GATE MEMORY CELLS WITH
CONTROL GATE SPACERS, AND A MEMORY
ARRAY MADE THEREBY**

I hereby certify that this paper is being deposited with the United States Postal Service at first class mail in an envelope addressed to: Commissioner of Patents, Washington, DC 20231 on December 4, 2001.

Kathleen LaBrie
Kathleen LaBrie 12/4/2001

INFORMATION DISCLOSURE STATEMENT

Commissioner of Patents
Washington, DC 20231

Dear Sir:

Applicant submits herewith patents, publications or other information [attached hereto and listed on the attached Form PTO-1449 (modified)] of which he is aware, which he believes may be material to the examination of this application and in respect of which there may be a duty to disclose in accordance with 37 CFR § 1.56.

This Information Disclosure Statement:

- (a) ☐ accompanies the new patent application submitted herewith. 37 CFR § 1.97(a).
- (b) ☐ is filed within three months after the filing date of the application or within three months after the date of entry of the national stage of a PCT application as set forth in 37 CFR § 1.491.
- (c) ☒ as far as is known to the undersigned, is filed before the mailing date of a first Office Action on the merits.
- (d) ☐ is filed after the first office action and more than three months after the application's filing date or PCT national stage date of entry filing but, as far as is known to the undersigned, prior to the mailing date of either a final rejection or a notice of allowance, whichever occurs first and is accompanied by either the fee (\$180) set for in 37 CFR § 1.17(p) or a certification as specified in 37 CFR § 1.97(e), as checked below.

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(e) ☐ is filed after the mailing date of either a final rejection or a notice of allowance, whichever occurred first, and the Issue Fee has not been paid, and is accompanied by the fee (\$130) set forth in 37 CFR § 1.17(i)(1) and a certification as specified in 37 CFR § 1.97(e), as checked below. This document is to be considered as a petition requesting consideration of the information disclosure statement.

[If either of boxes (d) or (e) are checked above, the following "certification" under 37 CFR § 1.97(e) may need to be completed.] The undersigned certifies that:

- (f) ☐ Each item of information contained in the information disclosure statement was cited in a communication mailed from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this information disclosure statement.
- (g) ☐ No item of information contained in this information disclosure statement was cited in a communication mailed from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned after making reasonable inquiry, was known to any individual designated in 37 CFR § 1.56(c) more than three months prior to the filing of this information disclosure statement.

A list of the patent(s) or publication(s) is set forth on the attached Form PTO-1449 (Modified).

A copy of the items on PTO-1449 (Modified) is supplied herewith:

(h) ☒ each (i) ☐ none (j) ☐ only those listed below:

Those patent(s) or publication(s) which are marked with an asterisk (*) in the attached form PTO-1449 (Modified) are not supplied because they were previously cited by or submitted to the Office in a prior application no. , filed and relied upon in this application for an earlier filing date under 35 U.S.C. § 120.

A concise explanation of relevance of the items listed on form PTO-1449 (Modified) is:

- (k) ☒ not given
- (l) ☐ given for each listed item
- (m) ☐ given for only non-English language listed item(s) [Required]
- (n) ☐ is in the form of an English language copy of a Search Report from a foreign patent office, issued in a counterpart application, which refers to the relevant portions of the references [copy attached].

The Examiner is reminded that a "concise explanation of the relevance" of the submitted items "may be nothing more than identification of the particular figure or paragraph of the patent or publication which has some relation to the claimed invention," MPEP § 609.

While the information and references disclosed in this Information Disclosure Statement may be "material" pursuant to 37 CFR § 1.56, it is not intended to constitute an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.


In accordance with 37 CFR § 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR § 1.56(a) exists. It is submitted that the Information Disclosure Statement is in compliance with 37 CFR § 1.98 and MPEP § 609 and the Examiner is respectfully requested to consider the listed references.

[X] The Commissioner is hereby authorized to charge our Deposit Account No. 07-1896 for any fees required in connection with the filing of this Information Disclosure Statement. A duplicate copy of this Notice is enclosed for this purpose. In particular, in the event that an Office Action has crossed in the mail with this Information Disclosure Statement, the Commissioner is authorized to charge the above-named deposit account for any fees required pursuant to CFR § 1.17(p) or 1.17(i)(1).

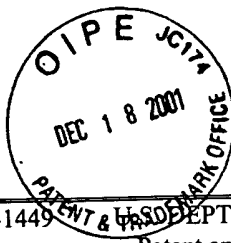
Respectfully submitted,

GRAY CARY WARE & FREIDENRICH LLP

Date: December 4, 2001

By 
Alan A. Limbach, Reg. No. 39,749
Attorney for Assignee

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Sheet 1 of 2

Form PTO-1449 U.S. DEPT. OF COMMERCE Patent and Trademark Office INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)	Atty. Docket No.: 2102397-910600	Serial No.: 09/916,619
	Applicant: Chih Hsin Wang	
	Filing Date: July 26, 2001	Group Art Unit: Not 2812

U.S. PATENT DOCUMENTS

Examiners Initials	Patent Number	Date	Name	Class	Subclass	Filing Date
	5,029,130	07/02/91	Yeh			
	5,572,054	11/05/96	Wang et al.			
	6,091,104	07/18/2000	Chen			
	6,140,182	10/31/2000	Chen			
	6,222,227 B1	04/24/2001	Chen			
	4,757,360	07/12/88	Farone			
	4,794,565	12/27/88	Wu et al.			
	4,882,707	11/21/89	Mizutani			
	4,931,847	06/05/90	Corda			
	4,947,221	08/07/90	Stewart et al.			
	5,021,848	06/04/91	Chiu			
	5,041,886	08/20/91	Lee			
	5,101,250	03/31/92	Arima et al.			
	5,268,319	12/07/93	Harari			
	5,429,965	06/04/95	Shimoji			
	5,544,103	08/06/96	Lambertson			
	5,780,341	07/14/98	Ogura			
	5,780,892	07/14/98	Chen			
	5,789,293	08/04/98	Cho et al.			
	5,808,328	09/15/98	Nishizawa			
	5,811,853	09/22/98	Wang			
	5,814,853	09/29/98	Chen			
	6,103,573	08/15/00	Harari et al.			
	5,796,139	08/18/98	Fukase			
	09/401,622	09/22/99	J. Johnson			

Examiner:	Date Considered:
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP '609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.	



Sheet 2 of 2

Form PTO-1749 DEPT. OF COMMERCE Patent and Trademark Office INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)	Atty. Docket No.: 2102397-910600	Serial No.: 09/916,619
	Applicant: Chih Hsin Wang	
	Filing Date: July 26, 2001	Group Art Unit: 2812

FOREIGN PATENT DOCUMENTS

	Document number	Date	Country	Class	Sub-class	Translation YES NO	
	EP 0 389 721 A2	10/03/90	Europe				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Examiner:	Date Considered:
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP '609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.	